

### 1.1.1 Frac Tank Disposal

Nine frac tanks (liquid portable storage tanks used for the fracturing of oil and gas wells) were being used on the site to store waste material. Of these nine tanks, four were owned by CES (FT1001, FT1002, FT1004, and FT506) and five were owned by DANA Tanks: (FT33529, FT215005, FT215012, FT30335, and FT30338). Initially, DANA had agreed to remove both the contents of their frac tanks and the tanks themselves; however, EPA ended up removing the material and cleaning the tanks before DANA took them offsite toward the end of the Removal action.

Each frac tank had a capacity of approximately 20,000 gallons and the actual volumes ranged from 10,000 to 20,000 gallons.

Table 3-2 shows the tank, source of material, volume, waste profile, and disposal facility. Complete tank and disposal information can be found in attached Table 3-1.

**Table 3-2  
Frac Tank Disposal**

Tank #	Source	Volume (gallons)	Waste Profile	Disposal Facility	Notes
DANA FT215005	On-site liquids*	20,000	LSE1142-Oily Water	Lonestar Ecology	
DANA FT215012	On-site liquids	19,600	1009152093BH-Non-haz; LSE1128-Haz-waste Liquid (Benzene)	Lonestar Ecology; Ecoserve	Sludge went into VB25146
DANA FT30335	On-site liquids	19,600	LSE1142-Oily Water	Lonestar Ecology	
DANA FT30335 (3.2.15)**	Liquids from various vac boxes	19,600	LSE1128-Haz-waste Liquid (Benzene)	Lonestar Ecology	
DANA FT30338	On-site liquids	9,600	1009152093BH-Non-haz	Ecoserve	
DANA FT33529	On-site liquids	5,000	LSE1142-Oily Water	Lonestar Ecology	
FT1001	On-site liquids	16,300	LSE1023-Non-Regulated, Non-DOT Liquid Non-haz	Lonestar Ecology	
FT1001 (1.20.15)	South Containment	19,600	LSE1142-Oily Water	Lonestar Ecology	
FT1001 (4.2.15)	Oily Water from site	19,600	1009152093BH-Non-haz	Ecoserve	
FT1001 (5.26.15)	Oil/water separator, sumps, South Containment	22,600	LSE1023-Non-Regulated, Non-DOT Liquid Non-haz	Lonestar Ecology	Additional volume added on rinse-out
FT1002	On-site liquids	17,200	1009152093BH-Non-haz; 51121419794-Non-haz	Ecoserve; Republic Services	
FT1004	On-site liquids	15,000	LSE1416- Hazardous Waste Liquid (Cresol)	Lonestar	Lonestar treated on-site
FT506	On-site liquids	10,000	51121419794-Non-haz	Republic Services	
FT5180	On-site liquids	14,700	LSE1142-Oily Water	Lonestar	
FT5180 (5.6.2015)	VAT, Working bay sump	20,000	1009152093BH-Non-haz; 51121419794-Non-haz	Ecoserve; Republic Services	

\*Liquids in tank when EPA arrived onsite

\*\*Tanks with dates were used, after initial disposal, to store and process material from other tanks and containers

Of the approximately 250,000 gallons of liquids from the frac tanks, approximately 215,000 were disposed of as non-hazardous and 35,000 as hazardous.